THE MINES OF ARIZONA

rection of Mr. W. E. Defty, the well known mining engineer, who will carefully scrutinize all matters relating to mining in order that only reliable information regerding legitimate enterprises shall find a place here.

The Republican would be pleased to receive information from any part of the state regarding the development of the mining industry. All communications should be addressed: Mining Desartment, Arizona Republican.

What Can We Do To Help Arizona copper lead or zinc, in fact it is these then where is such assistance attention for the government is mak- matter? ing valuable investigation and research In the treatment of low grade ores. Some of these researches are being low grade areas of Montana.

Mines to establish 21 experimental sta- have been closed on that basis. tions in the United States in certain states yet to be selected.

mining and particularly as previously ket, amongst them being 10,000,000 stated, in the treatment of low grade pounds for shipment to Russia. But before such stations can be in other states substantial help has hand.

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any way. Their actions have increased difficulties for the prospector miner and up to the biggest companies. Mining and everything in its connection has existed in their opinion, solely for them to give a drastic drubbing and they have surely accomplished it very \$20,963.375 with shareholders. successfully, for we are looked upon as the state of freak laws in mining and people in every other state are warning capital not to come to Arizona on this account. Such adverse advertisement is doing us serious injury but how can we help it until our state government establishes a sweet reasonableness towards mining. Let them and everyone else be helpful instead of every move being detrimental. And let us all get ere is in Arizona at the present together, for helpfulness in the futime, technical experts, representing ture stability and success of our mining interests, and let us see what They are amongst us for an investiga- assistance and support we can rend- March 5. The previous dividend of tion of our resources. They will visit er the government and inducing it to the most important mines in the state plant one of its stations in Arizona. and investigate their working and the Cannot a monetary inducement be class of ares produced. They will most offered? The state has provided for particularly pay attention to the treat- everything under the sun, even a been ment processes of every nature and es- inspector, but nothing for mining pecially to the treatment of low grade What can it offer on the above submaterial, whether it be gold, silver, ject if it does not assist in doing so, ember, last year. subjects which will call their primary come from. What can we do in the

The Copper Situation. Although the volume of actual made in several states and a great business in copper metal continues of last year and ability to make subdeal of solid success has already been comparatively light, the general tone stantial forward sales at satisfactory attained in Montana on the treatment of the market is declared by leadof low grade copper ores. In fact it ing producing interests to be very pear very likely. can be definitely stated the success steady. The general market quotaachieved is of a permanent character tions remains at 14%c and according and means a wonderful future for the to some interests, no difficulty is 'experienced in making that price and It is the purpose of the Bureau of some very important transactions

\$14.87%. These stations will be established for It is understood that several very technical research in all the phases of important inquiries are in the mar-

Both England and France are said established the government asks and to need large amounts of metal, and demands of the state the help it will there is every indication that there Converters and Concentrator Resume give in furthering these attainments, are very important developments at

offered and given by the state The American Smelting and Reitself. But what can and what will fining company recently shipped from Arizona do to establish one of those its Baltimore refinery on two steammuch coveted enterprises in our midst, ers, the largest single consignment of the converters were only started on The answer does not seem very clear, copper that ever went out of this Thursday of this week and the first Since we became a state, the state gov- country. The amount involved was copper made for shipment. The conernment and the legislature have done 15,080,000 pounds, and was destined centrator, which has also been undersothing to mining only injury. They for Havre. The boats carrying this going repairs was started at the same cargo were specially chartered by the time and the Shannon company is to get its copper to destination.

> ington on the 5th, inst, showed ex- at the present price. ports of copper at the ten principal ustoms ports during the week ending February 27, totaled \$1,467,214 or of commerce announced imports for property, resulting from the season's the week were 3,504,296 pounds worth unusual weather conditions. France, Italy, England,

disbursements \$6,701,108, have been made so far this year by American mines and works according to reports made to paid to shareholders in 49 companies. up of the mill. In addition three securities-holding corporations divided \$2,127,204 among heir shareholders.

the three securities-holding corporations makes the total disbursement \$517,493,049.

But six copper companies pair dividends in the two months of 1915, these paying during that period \$1,-\$23,125. Since incorporation, how-

\$147,100,736.

Fofty-one companies, whose pro duct is classified as gold, silver, lead, vein. zinc, paid dividends during the two months of \$4,303,764 and to date \$212,990,260. Of these 41 companies 30 operate properties in the United States and have to their credit so far this year \$3,032,462, and to date of associates who are also interest-\$167,907,068.

Two metallurgical companies made disbursements amounting to \$564,219, the Golconda zinc mine, located 16 ubt since incorporation have divided

The following companies were idend payers in February, with the amount per share and total: Shattuck-Arizona, 50c per

Tom Reed, 4c per share, total \$36,-United Verde, 75c per share, total

Calumet and Arizona. The directors of this company have declared a dividend of 50c a share,

50c was paid in December, 1914. Superior and Pittsburg. This company has declared a dividend of 20c payable March 22, to stock of record March 5.

vious dividend was \$1, paid in Dec-

Miami Copper Company. Resumption of dividends may b considered very shortly by the diof metal prices from the low level figures makes such a resumption ap-

Ayo Railroad. General Manager Greenway of the Calumet and Arizona, announces at Tucson that work on the railroad to the Ayos will commence very soon Electrolytic ranges from \$14.75 to but that he cannot yet definitely state whether it will be from Tucsor or Gila Bend. However, all suggest ions are that the road will be com-

SHANNON MILL STARTS.

Operations on Thursday of This Week.

Although the Shannon smelter ha been in operation for several days company and carried the English now in full operation in all departflag. Such is the scarcity of freight ments, but still short of its usual room that the company is compelled quota of men by about one hundred. to charter its own steamers if it is The Shannon will produce approxiget its copper to destination.

The copper statistics from Washper month as long as copper remains

There has been an unprecedented 10,172,719 pounds. The department flow of water very recently in this

This flow of water drowned the Canada and Denmark were the pumps on the sixteenth and eighprincipal buyers. And the demand teenth levels, but it is expected the in all these directions suggests lar- extraordinary flow will be capable of gely increasing demands. So con- being handled by the pumps now in ditions of the red metal is very sat- commission. The amount pumped strike had been made near Fortuna service to both." The American not the means for its development isfactory and excedingly encouraging per day from the workings is 3,500,and the revived market and increased 966 gallons but one day last week outputs means a great deal for Ari- 14,000,000 gallons were pumped out, a mile long. Anyone that wants to, hopes in this regard to render a tarded developments in the mine con-Two Months Dividend Disbursements siderably but it is expected will soon be overcome.

The bar of bullion shipped from For the two months the Gold road last week had a value of 1915 just ended this amount was of \$17,000, this was one week's clean

It is reported that the Victor-Virgin property has changed hands It is worthy of note that the 49 at a large figure. The main shaft companies paying dividends in 1915 on the property is driven to a depth as to secure a general average. The bave paid dividends since their incorporation totaling \$381,053,361 which hoisting plant and compressor. There added to the \$136,429,688 declared by is also a tube mill and cyanide plant.

It is also reported that the Horse-

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ever, their total disbursements amount shoe property has been bonded for \$75,000. The workings are a shaft 135 feet deep, with drifts along the

> Amster Buys Golconda. It is now definitely announced that

N. L. Amster, president of the Shannon Copper company, and a number ed in the Shannon property, have closed a deal for the purchase of miles north of Kingman, in Mohave county, Arizona. The price paid is reported to have been more than half a million dollars, and control of the mine will pass to the new owners a year Mr. Amster, his friends and engineers have been looking over Mohave county. They considered several properties in the vicinity of Kingman and finally settled on the Golconda.

Mayer.

It is publicly announced that a new custom ore plant will be erected payable March 22, to stock of record near Mayer and it is further stated that if will be of the right kind. in the past Mayer and vicinity has been very unfortunate in this re-We can remember several from a copper cupola to other extraordinary freaks. The last plant was contained in a large building and consisted of some hybrid complex process of extracting ores and was something between a laundry and cheese making process. This monument of failure stood a sore on the andscape for a long time.

The treadmills also built a coffee pot smelter, with an incline railway crossing its vertebra, this blso was a sorry sight to the visitor of that locality. A locality that is worthy of much better treatment for there is lots of promising prospects around Mayer, outside of the going mines already established.

The stock of the Fortuna Mines Corporation which has listed on the Boston Curb marget early last week advanced steadily, reaching a high figure of 1% as compared with an opening price of 1 1-16. The buying seemed to represent an absorbtion of the stock by men familiar with the record of the mine which is one of the best known on the Continent and has an enviable record as a producer of precious metal. The interruption to production caused by the faulting of the vein was, apparently, temporary as the present management succeeded in locating it on the other side of the fault. The development has also located the vein for a greater length so that the future of the mine seems assured.

There are three ore shoots now 1,200 feet in depth and an average length of 500 feet. The development

has reported new ore discoveries at the eastern end of the present development but, until a full detailed report has been received, the manments.—Boston Financial News.

Wonderful Gold Strike Reported. A report reached The Examiner of-

fice last evening that a new gold together in honest trade performs a the man who has the gold mine, but To be exact, the ore is said to run Mining Congress, through the as- and operation; and they should cause \$4,000 to the ton-500 feet wide and sistance of strong state chapters, the prospector to make greater efcan believe this.-Yuma Examine If the above correspondent had only gone into a few figures he could easily have borne the cost of the European war and then had a a good time generally.

While it is generally believed that mining is more of a gamble than a

usiness investment, the very reverse is true when investments are intelligently made and the risk so scattered make mining a business very seldon suffer a loss and their average is very handsome. Occasionally a failure is made, but whatever loss accrues is more than made up in other ventures in which they are success ful. This being true as to the larger mining companies, there is no reason why with the same amount of in telligence and with the money handled by experienced men, men who understand the scientific conditions necessary to successful mining and who are also familiar with practical vork, shall not, if sufficient capital is secured to carry on operations upon a large scale, make of the busi ness a success equal to that which accomplished by the larger corporations. It is confidently as-serted that the proper development of any twenty well-chosen prospects will result in the creation of one the profits from which will more than offset the losses occasioned by the development of the nine teen prospects which failed to make mines. To develop any one of these prospects by itself is a very great gamble. To devlop them all jointly nakes the joint enterprise more safe and carries less risk than the average business investment. No greater hazard could be imag-

ined than the insurance of one man's life. Yet life insurance is considered a very safe business because it deals with the average of human lives rather than that of the individual. This rule applies with even greater force to mining. Even a life inurance company would fall if it paid too much in commissions for business, or made disastrous investments of its accumulated funds. Even the payment of excessive salaries might endanger its success. This illustration is given in order to show that netlliferous mining is a which if honestly and intelligently managed is as safs as any other line of business and one which promises larger returns. If this is true then the agency which brings these min-ing opportunities to the investor has been a great benefactor to him. Upon the other hand, the development of mining operations through which our western prospects may be developed, will be a great boon to

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production.

vestor the now idle prospects in all erties should not be able to work easonably assured to extend over of the western sections would be them profitably, or that they should gold mining should prosper and under development and all the money have any difficulty in securing the flourish, we have it with us now; ployment for all the scientific, tech- velopment and operation. eastern sections are auxious for these debts to liquidate. create agencies which will bring ing up of gold-bearing properties. these interests together A distin- They should stimulate investors to guished English economist once said such an extent that they should be "He who brings buyer and seller willing and eager to join hands with

distinct service to the west The Demand for Gold Mines. "Go out and get a gold mine." This is the demane that is being issued in neat surplus for picture shows and Wall street and from the great financial centers of the United States And, the demand is an important

one, for it has been discovered since the great war cloud of the far east has cast its shadow all over the world, that there is not enough gold in the world for the ultimate redemp

tion of the world's securities. Therefore, there should be no diffi

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fits to commerce and industry which culty, at the present time, in being forts in the endeavor to find and will follow the increased mineral able to dispose of a gold-producer give to the world what it needs and of merit and promise, and there is must have - more gold-producing With proper protection to the in- no reason why owners of gold prop- properties.

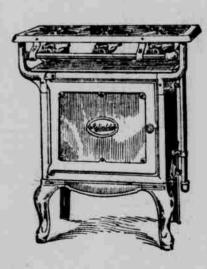
would be available to furnish em- assistance of capital for their de- and, improved conditions in mining work indicates a probable tonnage ployment for all the scientific, tech-velopment and operation. methods and reduction processes of 1,000,000 tons of ore of a value of nical and engineering brains which Gold is always at par. Over-pro-should bring to a producing basis is now available. The west has the duction of this metal need not be mines of low grade gold ores which, The company's engineer in Arizona opportunities and is greatly in need feared for hundreds of years to come, in the past, could not be profitably of capital for their development. The or as long as there are great war operated.

It is clearly to be seen that minopportunities but do not know how present conditions, in the financial ing, at the present time, is becoming to find them. Is it hot possible for world, should stimulate the claim the search for gold is to be more ing, at the present time, is becoming agement prefers to make no com- the American Mining Congress to owner to greater effort in the open- the search for gold is to be more persistently carried on than ever before. Salt Lake Mining Review

Properties of Fuller's Earth The shades of color of fuller's earth are fully as great as those of other kinds of clay. Most of the (Continued on Page Eight)

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